

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

Application Number	10/776954
Filing Date	02/11/04
First Named Inventor	Sancho
Art Unit	
Examiner Name	
Attorney Docket Number	

Sheet ONE of THREE**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 4,885,777	12/05/89	Takaragi, et.al.	
		US- 4,926,480	05/15/90	Chaum	
		US- 4,991,210	02/05/91	Chaum	
		US- 5,005,200	04/02/91	Fischer	
		US- 5,018,196	05/21/91	Takaragi, et.al.	
		US- 5,131,039	07/14/92	Chaum	
		US- 5,196,840	03/23/93	Leith, et.al.	
		US- 5,214,701	05/25/93	Fischer	
		US- 5,218,637	06/08/93	Angebaut, et.al.	
		US- 6,026,166	02/15/00	LeBourgeois	
		US- 5,311,595	05/10/94	Bjerrum, et.al.	
		US- 5,351,293	09/27/94	Michener, et.al.	
		US- 5,442,707	08/15/95	Miyaji, et.al.	
		US- 5,502,765	03/26/96	Ishiguro, et.al.	
		US- 5,513,260	04/30/96	Ryan	
		US- 5,515,441	05/07/96	Faucher	
		US- 5,559,887	09/24/96	Davis, et.al.	
		US-			
		US-			

**FOREIGN PATENT DOCUMENTS**

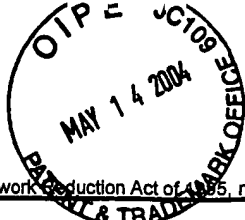
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

Application Number

10/776954

Filing Date

02/11/04

First Named Inventor

Sancho

Art Unit

Examiner Name

Attorney Docket Number

Sheet

two

of

Three

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	1	B. CLIFFORD NEWMAN, Proxy-Based Authorization and Accounting for Distributed Systems, Proceedings of the 13th International Conference on Distributed Computing Systems,	
		Page 283 to 291, Pittsburgh, May 1993	
	2	B. CLIFFORD NEWMAN AND GENNADY MEDVINSKY, Requirements for Network Payment: The NetCheque Perspective, Proceedings of IEEE Compcon '95, San Francisco, March 1995	
	3	V. NICOMETTE AND Y. DESWARTE, An Authorization Scheme For Distributed Object Systems, Proceedings of IEEE Symposium on Security and Privacy, Page 21 to 30 Oakland, CA, May 1997	
	4	JAY M. TENENBAUM, CATHY MEDICH, ALLAN M. SCHIFFMAN AND WILLIAM T. WONG, CommerceNet: Spontaneous Electronic Commerce on the Internet, COMPCON '95, San Francisco CA March 1995	
	5	BRIAN TUNG, The Moron's Guide to Kerberos, Version 1.2.2, Page 1 to 11 <a href="http://www.isi.edu/post/brian/security/kerberos.html">http://www.isi.edu/post/brian/security/kerberos.html</a> , April 9, 2003	
	6	MARVIN SIRBU AND J.D. TYGAR, NetBill: An Internet Commerce System Optimized for Network Delivered Services, COMPCON '95, Page 20 to 35, San Francisco, CA March 1995	
	7	DIETER GOLLMANN, What do we mean by Entity Authentication?, 1996 IEEE Symposium on Security and Privacy, Page 46 to 54, Oakland, CA, May 1996	
	8	GENNADY MEDVINSKY AND B. CLIFFORD NEWMAN, NetCash: A Design for Practical Electronic Currency on the Internet, Information Sciences Institute, California	

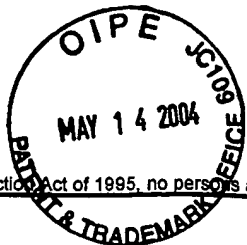
Examiner Signature	Date Considered
--------------------	-----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



PTO/SB/08B (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

Application Number	10/776984
Filing Date	02/11/04
First Named Inventor	Sancho
Art Unit	
Examiner Name	
Attorney Docket Number	

Sheet Three of Three**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	9	DAVID CHAUM, Achieving Electronic Privacy, Page 96 to 101, Scientific American, August 1992, Volume 267, Number 2	
	10	Kerberos Overview - An Authentication Service for Open Network Systems, Updated: Jan. 14, 2003, Document ID: 16087	
	11	LARRY MC GHAW, Connx Security, October 13, 1997 CONNX White Paper, Solutions IQ	
	12	ROGER M. NEEDHAM AND MICHAEL D. SCHROEDER, Using Encryption for Authentication in Large Networks of Computers, Operatings Systems, R. Stockton Gaines, Editor, Xerox Palo Alto Research Center, Page 993 to 999, December 1978, Volume 21, Number 12	
	13	WENBO MAO, On two Proposals for On-line Bankcard Payments using Open Networks: Problems and Solutions, 1996 IEEE Symposium on Security and Privacy, May 1996, Oakland CA, Page 201 to 210	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.